RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/087,993   DATE: 07/09/2002
                                            TIME: 16:02:47

Input Set : N:\Crf3\RULE60\10087993.raw
Output Set: N:\CRF3\07092002\J087993.raw

SEQUENCE LISTING
3 (1) GENERAL INFORMATION:
6   (i) APPLICANT: Ullrich, Axel
7   Aoki, Naohito
8   Kim, Yeong Woong   ENTERED
9   Wang, Hong Yang
10   Chen, Zhengjun
11   Naylor, Oliver
12   Kharitonenkov, Alexei Igorevich
15   (ii) TITLE OF INVENTION: NOVEL PTP20, PCP-2, BDP1, CLK,
16   AND SIRP POLYPEPTIDES AND RELATED
17   PRODUCTS AND METHODS
21   (iii) NUMBER OF SEQUENCES: 38
24   (iv) CORRESPONDENCE ADDRESS:
26   (A) ADDRESSEE: Lyon & Lyon
27   (B) STREET: 633 West Fifth Street
28   Suite 4700
29   (C) CITY: Los Angeles
30   (D) STATE: California
31   (E) COUNTRY: U.S.A.
32   (F) ZIP: 90071-2066
35   (v) COMPUTER READABLE FORM:
37   (A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
38   storage
39   (B) COMPUTER: IBM Compatible
40   (C) OPERATING SYSTEM: IBM P.C. DOS 5.0
41   (D) SOFTWARE: FastSEQ for Windows 2.0
44   (vi) CURRENT APPLICATION DATA:
C--> 46   (A) APPLICATION NUMBER: US/10/087,993
C--> 47   (B) FILING DATE: 05-Mar-2002
48   (C) CLASSIFICATION: 435
51   (vii) PRIOR APPLICATION DATA:
54   (A) APPLICATION NUMBER: US/08/877,150
55   (B) FILING DATE: June 17, 1997
57   (A) APPLICATION NUMBER: U.S. 60/019,629
58   (B) FILING DATE: June 17, 1996
60   (A) APPLICATION NUMBER: U.S. 60/023,485
61   (B) FILING DATE: August 9, 1996
63   (A) APPLICATION NUMBER: U.S. 60/030,860
64   (B) FILING DATE: November 13, 1996
67   (A) APPLICATION NUMBER: U.S. 60/034,286
68   (B) FILING DATE: December 19, 1996
70   (A) APPLICATION NUMBER: U.S. 60/030,964

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71          (B) FILING DATE: November 15, 1996
74     (viii) ATTORNEY/AGENT INFORMATION:
76          (A) NAME: Warburg, Richard J.
77          (B) REGISTRATION NUMBER: 32,327
78          (C) REFERENCE/DOCKET NUMBER: 225/298
81      (ix) TELECOMMUNICATION INFORMATION:
83          (A) TELEPHONE: (213) 489-1600
84          (B) TELEFAX: (213) 955-0440
85          (C) TELEX: 67-3510
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ERRORED SEQUENCES

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659 (2) INFORMATION FOR SEQ ID NO: 32:
661      (i) SEQUENCE CHARACTERISTICS:
663          (A) LENGTH: 453 amino acids
664          (B) TYPE: amino acid
665          (C) STRANDEDNESS: single
666          (D) TOPOLOGY: linear
668     (ii) MOLECULE TYPE: peptide
670     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 32:
671 Met Ser Arg Gln Ser Asp Leu Val Arg Ser Phe Leu Glu Gln Gln Glu
672   1               5                  10                  15
674 Ala Arg Asp His Arg Lys Gly Ala Ile Leu Ala Arg Glu Phe Ser Asp
675          20                  25                  30
677 Ile Lys Ala Arg Ser Val Ala Trp Lys Thr Glu Gly Val Cys Ser Thr
678          35                  40                  45
680 Lys Ala Gly Ser Gln Gln Gly Asn Ser Lys Lys Asn Arg Tyr Lys Asp
681      50                  55                  60
683 Val Val Pro Tyr Asp Glu Thr Arg Val Ile Leu Ser Leu Leu Gln Glu
684  65                  70                  75                  80
686 Glu Gly His Gly Asp Tyr Ile Asn Ala Asn Phe Ile Arg Gly Thr Asp
687              85                  90                  95
689 Gly Ser Gln Ala Tyr Ile Ala Thr Gln Gly Pro Leu Pro His Thr Leu
690              100                 105                 110
692 Leu Asp Phe Trp Arg Leu Val Trp Glu Phe Gly Ile Lys Val Ile Leu
693          115                 120                 125
695 Met Ala Cys Gln Glu Thr Glu Asn Gly Arg Arg Lys Cys Glu Arg Tyr
696      130                 135                 140
698 Trp Ala Gln Glu Gln Arg Glu Pro Leu Gln Ala Gly Pro Phe Cys Ile Thr
699 145                 150                 155                 160
701 Leu Thr Lys Glu Thr Ala Leu Thr Ser Asp Ile Thr Leu Arg Thr Leu
702              165                 170                 175
704 Gln Val Thr Phe Gln Lys Glu Ser Arg Pro Val His Gln Leu Gln Tyr
705              180                 185                 190
706 Met Ser Trp Pro Asp His Gly Val Pro Ser Ser Ser Asp His Ile Leu
707      195                 200                 205
709 Thr Met Val Glu Glu Ala Arg Cys Leu Gln Gly Leu Gly Pro Gly Pro
710      210                 215                 220
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                    RAW SEQUENCE LISTING               DATE: 07/09/2002
                    PATENT APPLICATION:  US/10/087,993  TIME: 16:02:47

                    Input Set : N:\Crf3\RULE60\10087993.raw
                    Output Set: N:\CRF3\07092002\J087993.raw

   712  Leu Cys Val His Cys Ser Ala Gly Cys Gly Arg Thr Gly Val Leu Cys
   713  225                 230                 235                 240
   715  Ala Val Asp Tyr Val Arg Gln Leu Leu Leu Thr Gln Thr Ile Pro Pro
   716                      245                 250                 255
   718  Asn Phe Ser Leu Phe Glu Val Val Leu Glu Met Arg Lys Gln Arg Pro
   719                 260                 265                 270
   721  Ala Ala Val Gln Thr Glu Glu Gln Tyr Arg Phe Leu Tyr His Thr Val
   722             275                 280                 285
   724  Ala Gln Leu Phe Ser Arg Thr Leu Gln Asn Asn Ser Pro Leu Tyr Gln
   725        290                 295                 300
   727  Asn Leu Lys Glu Asn Arg Ala Pro Ile Cys Lys Asp Ser Ser Ser Leu
   728  305                 310                 315                 320
   730  Arg Thr Ser Ser Ala Leu Pro Ala Thr Ser Arg Pro Leu Gly Gly Val
   731                 325                 330                 335
   733  Leu Arg Ser Ile Ser Val Pro Gly Pro Pro Thr Leu Pro Met Ala Asp
   734                 340                 345                 350
   736  Thr Tyr Ala Val Val Gln Lys Arg Gly Ala Ser Gly Ser Thr Gly Pro
   737             355                 360                ·365
   739  Gly Thr Arg Ala Pro Asn Ser Thr Asp Thr Pro Ile Tyr Ser Gln Val
   740        370                 375                 380
   742  Ala Pro Arg Ile Gln Arg Pro Val Ser His Thr Glu Asn Ala Gln Gly
   743  385                 390                 395                 400
   745  Thr Thr Ala Leu Gly Arg Val Pro Ala Asp Glu Asn Pro Ser Gly Pro
   746                 405                 410                 415
   748  Asp Ala Tyr Glu Glu Val Thr Asp Gly Ala Gln Thr Gly Gly Leu Gly
   749             420                 425                 430
   751  Phe Asn Leu Arg Ile Gly Arg Pro Lys Gly Pro Arg Asp Pro Pro Ala
   752        435                 440                 445
E--> 754  Glu Trp Thr Arg Val      450
```

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                    VERIFICATION SUMMARY              DATE: 07/09/2002
                    PATENT APPLICATION:  US/10/087,993   TIME: 16:02:48

                    Input Set : N:\Crf3\RULE60\10087993.raw
                    Output Set: N:\CRF3\07092002\J087993.raw

L:46 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:47 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:754 M:203 E: No. of Seq. differs, LENGTH:Input:453 Found:448 SEQ:32
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